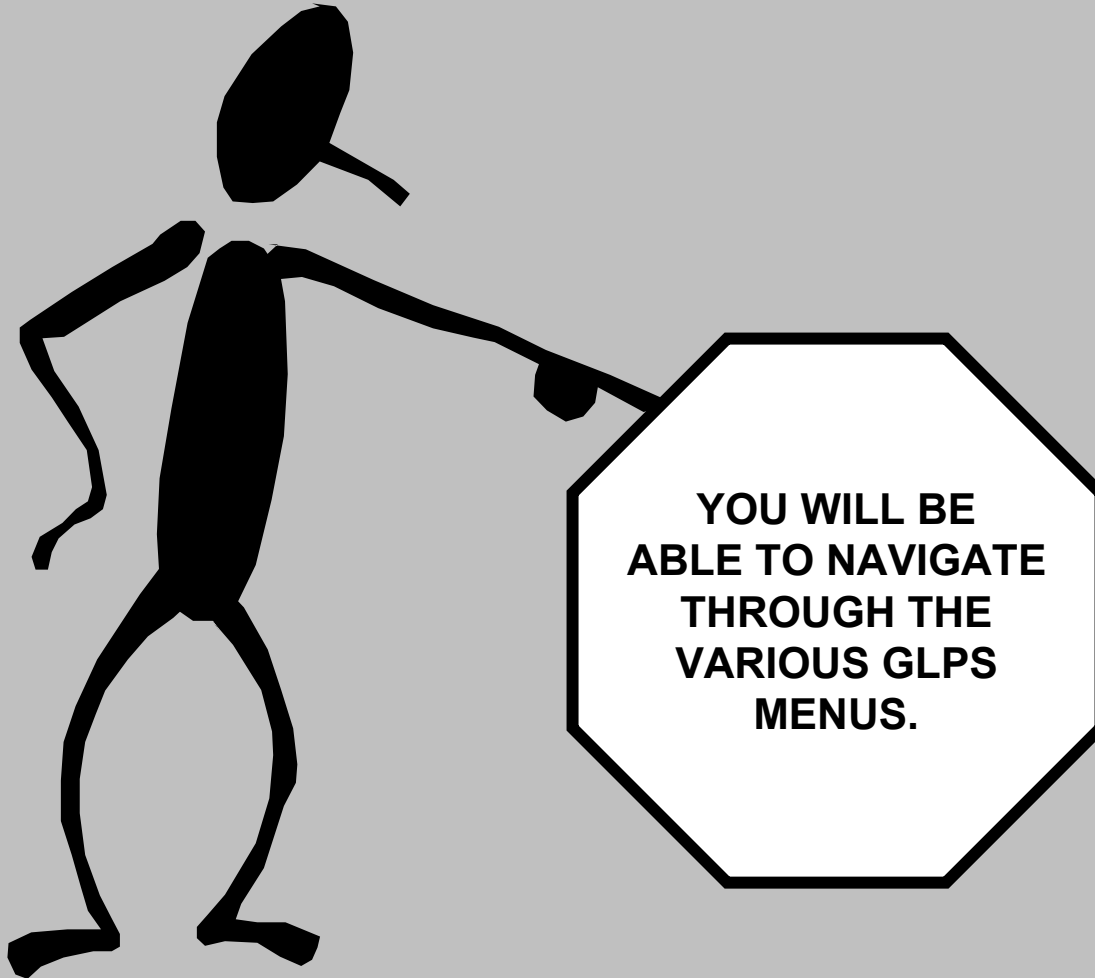


OPERATE

GLPS

OBJECTIVE



GLPS KEYPAD - DOWN CURSOR KEY



DOWN CURSOR KEY
MOVES THE PROGRAM INDICATOR DOWN
DECREASES THE VALUE OF A HIGHLIGHTED DIGIT

GLPS KEYPAD - UP CURSOR KEY



**UP CURSOR KEY
MOVES PROGRAM INDICATOR UP
INCREASES THE VALUE OF A HIGHLIGHTED DIGIT**

GLPS KEYPAD - RIGHT CURSOR KEY



**RIGHT CURSOR KEY
MOVES CURSOR TO THE RIGHT**

GLPS KEYPAD - ENTER KEY



ENTER KEY

SELECTS PROGRAM INDICATED BY INDICATOR
ENTERS INPUT DATA
CONTINUES TO NEXT STEP IN THE PROGRAM
USED TO CLEAR ERROR MESSAGES

GLPS KEYPAD - CLEAR ENTRY KEY



CLEAR ENTRY KEY
RETURNS OPERATOR TO PREVIOUS STEP IN THE PROGRAM SEQUENCE

GLPS KEYPAD - ILLUMINATION KEY



ILLUMINATION KEY
ACTIVATES ILLUMINATION OF DISPLAY, KEYPAD, AND RETICLE

GLPS KEYPAD - ON/OFF KEY



**ON/OFF KEY
USED TO TURN GLPS ON AND OFF**

GLPS DISPLAY - BUSY INDICATOR

BUSY INDICATOR

LOCATED IN THE UPPER RIGHT CORNER OF THE DISPLAY

INDICATES THE GYROSCOPE OR SYSTEM SOFTWARE IS BUSY BY ROTATING CLOCKWISE



GLPS DISPLAY - UP/DOWN AND PROGRAM INDICATORS

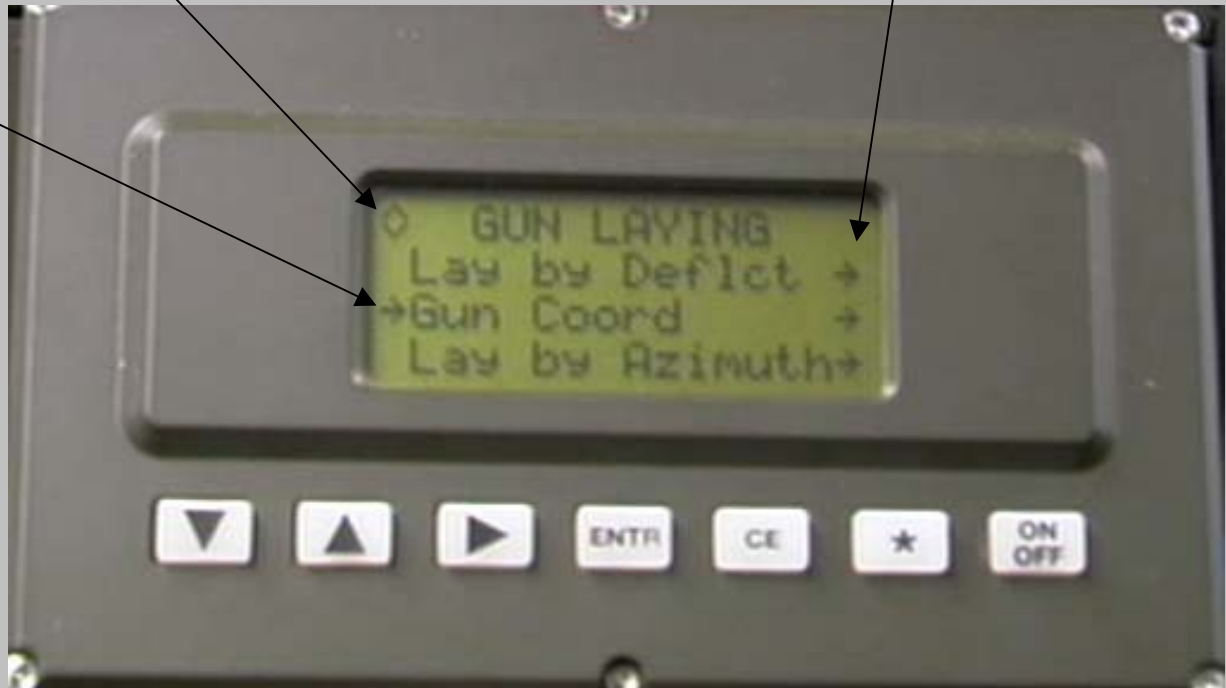
UP/DOWN INDICATOR

LOCATED IN THE UPPER LEFT CORNER OF THE DISPLAY INDICATES PROGRAMS ARE LOCATED ABOVE, BELOW, OR BOTH ABOVE AND BELOW THE PROGRAM INDICATOR.

PROGRAM INDICATOR

LOCATED ON RIGHT SIDE OF DISPLAY INDICATES ADDITIONAL PROGRAM STEPS ARE REQUIRED

PROGRAM INDICATOR
LOCATED ON LEFT
SIDE OF DISPLAY
INDICATES
HIGHLIGHTED
PROGRAM



TURN ON GLPS

PRESS ON/OFF KEY TO TURN ON GLPS
THIS DISPLAY APPEARS MOMENTARILY



SYSTEM CHECK

DISPLAY INDICATES PERCENTAGE OF BATTERY CHARGE REMAINING AND CURRENT
OUTPUT VOLTAGE OPERATIONAL BATTERY OUTPUT VOLTAGE MUST BE ≥22 VDC



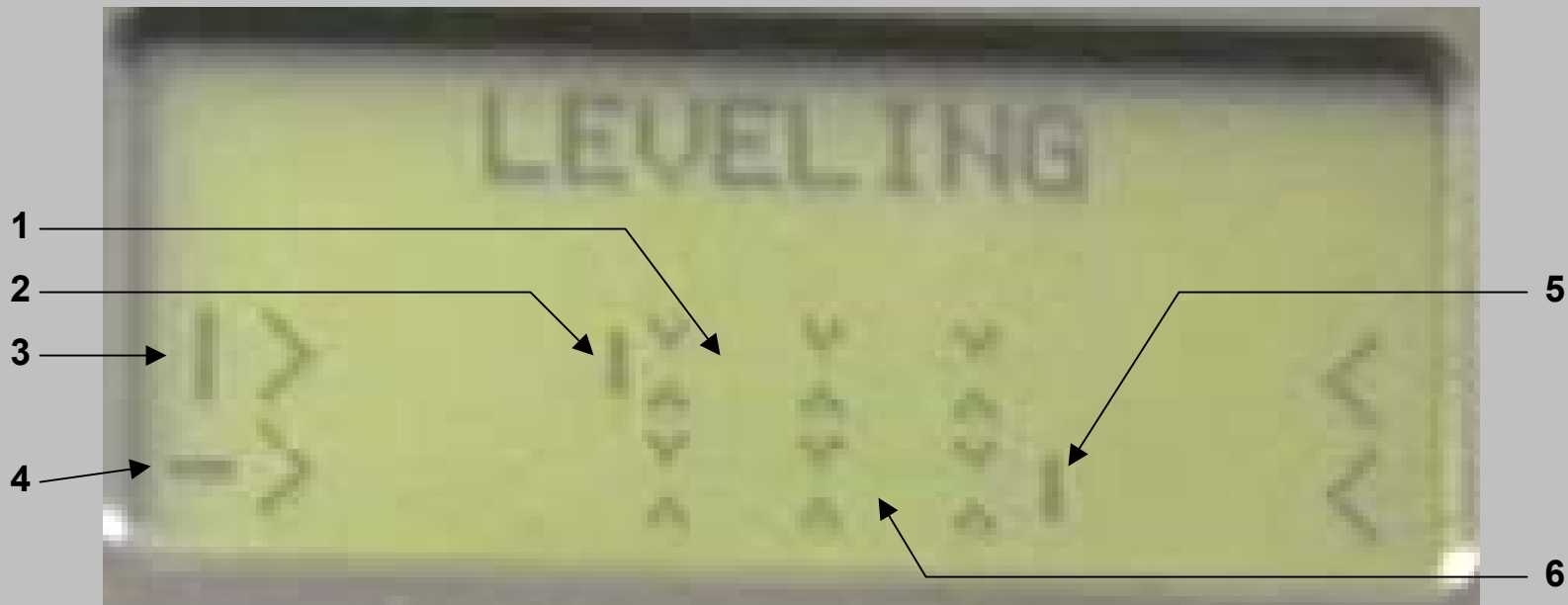
LEVELING

SELECT YES TO PERFORM PRECISION LEVELING OF THE SYSTEM

CAUTION: MANUAL LEVELING IS NOT SUFFICIENT FOR OPERATION OF GYROSCOPE. PRECISION LEVELING IS REQUIRED TO ACHIEVE TIMELY DIRECTIONAL ORIENTATION.



PRECISION LEVELING SCREEN



- 1 TOLERANCE FIELD FOR PERPENDICULAR LEVELING RANGE
- 2 PERPENDICULAR LEVELING BAR (NOT CENTERED)
- 3 SIGN FOR LEVELING DIRECTION PERPENDICULAR TO THE FRONT PANEL
- 4 SIGN FOR LEVELING DIRECTION PARALLEL TO THE FRONT PANEL
- 5 PARALLEL LEVELING BAR (NOT CENTERED)
- 6 TOLERANCE FIELD FOR PARALLEL LEVELING RANGE

LEVELED

**MOVE THE PERPENDICULAR LEVELING BAR INTO THE TOLERANCE FIELD
BY TURNING THE ONE REAR LEVELING SCREW**



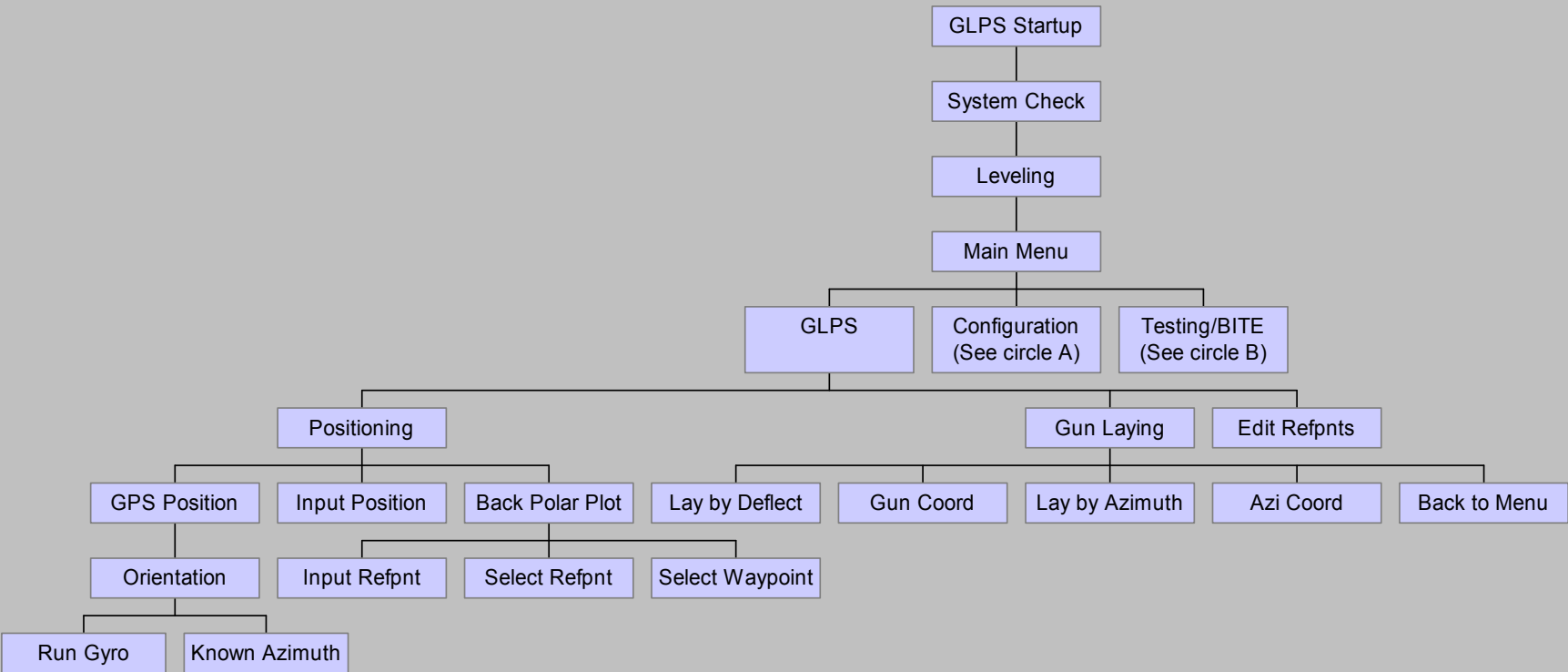
**MOVE THE PARALLEL LEVELING BAR INTO THE TOLERANCE FIELD
BY TURNING THE TWO FORWARD LEVELING SCREWS**

MENU

GLPS: POSITIONING AND ORIENTING
CONFIGURATION: CHANGE OPERATIONAL SETTINGS
TESTING/BITE: IN-DEPTH SELF TEST

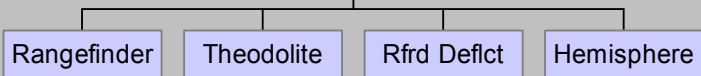


GLPS MENU FLOW DIAGRAM



A

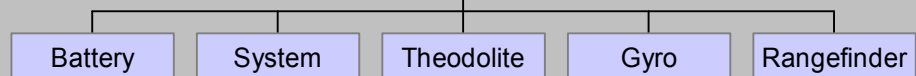
Configuration



6/13/00

B

Testing/BITE



OPERATE GLPS

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